

Product datasheet for **RN216352**

LOC100911796 (NM_001302751) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: LOC100911796

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN216352 representing NM_001302751
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAAAGCCAACAATACCACGACGAGTGCCTTGTTGGTTGCAAATCACCTACATCACCATGGAGGCTGCCA
TTGGTCTCTGTGCTGTAGTGGCAACATGCTGGTCATCTGGGTGGTCAAGCTGAACCGCACTCTGAGGAC
CACCACCTTCTATTTTCATCGTCTCCCTAGCACTGGCTGACATTGCTGTTGGGGTCTGGTCATACCCCTTG
GCCATTGCCGTGAGCCTGGAGGTCCAGATGCACTTCTATGCCTGCCTTTTCATGCTCCTGTGTGCTTCTGG
TCTTCAACCCACGCTTCCATCATGTCCTTGTGGCCATTGCTGTAGACCGATACCTGCGAGTCAAGCTGAC
AGTCAGATAGAACGGTTACCACTCAAAGAAGAATATGGCTATTCCTGGGCCCTCTGCTGGCTAGTGTC
TTTCTGGTGGGACTGACCCCATGTTTGGCTGGAATAGAAAAGTGACCTTAGAGCTCTCTCAAAACAGCT
CCACCCTCTCATGCCACTTCCGTTCCGTGGTGGCTTGGATTACATGGTCTTCTTCACTTTCATCACCTG
GATCCTCATCCCCCTGGTTGTCATGTGCATCATCTATCTGGACATCTTACATCATCCGAAACAACTC
AGTCAAATCTGACTGGCTTCAGAGAGACGCGTGCATTTTACGGTCGGGAGTTCAAGACCGCTAAGTCCC
TGTTTCTGGTTCTCTTCTGTTTGCCTTGTGCTGGCTGCCTTGTCCATCATCAATTTGTTTCCTACTT
TAATGTGAAGATACCAGAGATTGCAATGTGCTGGGCATCCTGTTGTCCATGCGAACTCCATGATGAAC
CCTATTGTCTACGCCTGCAAAATAAAAAAGTTCAAAGAACTACTTTGTGATCCTCAGAGCTTGACGGC
TCTGTGACAGCTCGGATTCTTTGGACTCAAACCTTGAACAGACTACTGAG**TAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001302751

Insert Size: 963 bp



OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001302751.1 , NP_001289680.1
RefSeq Size:	1764 bp
RefSeq ORF:	963 bp
Locus ID:	100911796
UniProt ID:	P28647
Cytogenetics:	2q34